REMARKS

The specification is amended to replace occurrences of "Java" with "JAVA".

Claims 4 and 12 are amended to correct dependencies; claims 5, 6, 13, and 14 are amended to remove "Java" from the claim language; claim 8 is amended to correct typographical errors, and claim 16 is amended to include the additional limitations of mapping of original method names to substitute method names. The amendments to the claims are thought to address all objections to the claims.

Claims 1, 4-6, 8, 9, 12-14 16 and 18-20 are pending in the application. Reconsideration and allowance of the application are respectfully requested.

The Office Action fails to show that claims 1, 4, 8, 9 and 12 are anticipated by U.S. Patent No. 5,974,428 to Gerard et al. ("Gerard") under 35 USC §102(b). The rejection is respectfully traversed because the Office Action fails to show that all the limitations of the claims are taught by Gerard.

Claim 1 includes limitations of, in combination with various other limitations, establishing a mapping of original method names of the first set to corresponding substitute method names of methods in a second set, wherein the methods in the second set change the functionality of the methods in the first set; and in response to loading a class file of a class in the first set, replacing in the class file original methods names with corresponding substitute method names. It is respectfully submitted that Gerard's teachings are apparently limited to modifying the class names in the class file (col. 7, l. 30-44). There is no apparent teaching or suggestion by Gerard of mapping original method names to corresponding substitute method names. As explained in the specification, mapping of class names does not address all use cases. Specifically, in one instance as set forth on page 5, line 2 of the specification:

> Depending on implementation requirements, list 162 may also map methods that are to be interposed in addition to mapping classes. For example, "final" and "abstract" classes can not be extended. Thus, individual method invocations in substituted instead.

Thus, the limitations of mapping method names is not suggested by the mapping of class names. Furthermore, the cited portion of Gerard (FIG. 2, col. 6, l. 58 – col. 7, l. 44) does not appear to suggest the mapping of method names. Therefore, Gerard's

teachings are not shown to suggest these limitations, and the rejection should be withdrawn. If the rejection is maintained, an explanation is respectfully requested since it is not apparent how Gerard's teachings could be construed to suggest the additional limitations of mapping of method names.

Independent claims 8 and 9 include similar limitations and are not shown to be anticipated for at least the reasons set forth above.

Claims 4 and 12 depend from claims 1 and 9, respectively, and are not shown to be anticipated for at least the reasons set forth above.

The Office Action does not establish that claims 16-20 are unpatentable under 35 USC §103(a) over "Fresko" (U.S. Patent No. 5,966,702 to Fresko et al.) in view of Gerard. The rejection is respectfully traversed because the Office Action fails to show that all the limitations are suggested by the references.

Claim 16 includes the limitations of mapping data that includes at least one association of an original method name to a substitute method name and replacing in the class file each original method name having an associated substitute method name with the associated substitute method name. As explained above in regards to claim 1, Gerard is not shown to suggest these limitations. And Fresko does not appear to suggest these limitations.

Claim 16 is not shown to be unpatentable over the Fresko-Gerard combination because all the limitations are not shown to be suggested by the combination. Claims 18, 19, and 20 depend from claim 16 and are not shown to be unpatentable for at least the reasons set forth above.
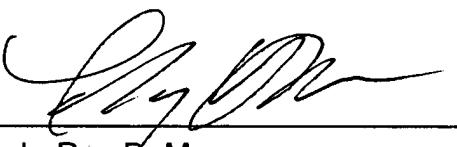
The rejection of claims 16 and 18-20 should be withdrawn because the Office Action does not establish a *prima facie* case of obviousness.

Withdrawal of the rejections and reconsideration of the claims are respectfully requested in view of the remarks set forth above. No extension of time is believed to be necessary for consideration of this response. However, if an extension of time is required, please consider this a petition for a sufficient number of months for consideration of this response. If there are any additional fees in connection with this response, please charge Deposit Account No. 50-0996 (HPCO.074PA).

Respectfully submitted,

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